S(CH₂)_nCO₂-
$$\overset{\bullet}{C}$$
N
HON
SO₃Na
HON
S(CH₂)_nCO₂- $\overset{\bullet}{C}$
N
HCI
S(CH₂)_nCO₂N
SO₃Na
S(CH₂)_nCO₂N
SO₃Na

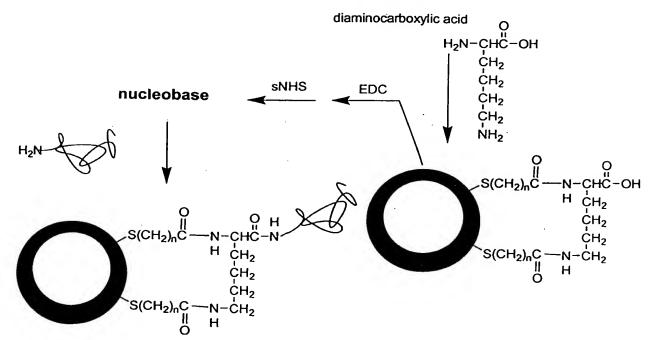
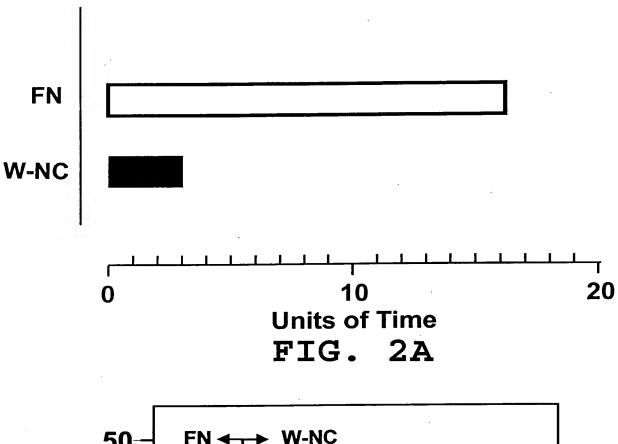
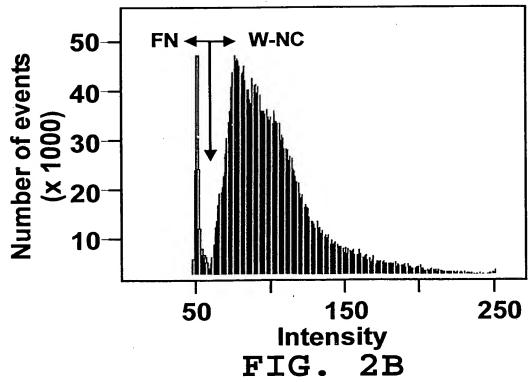
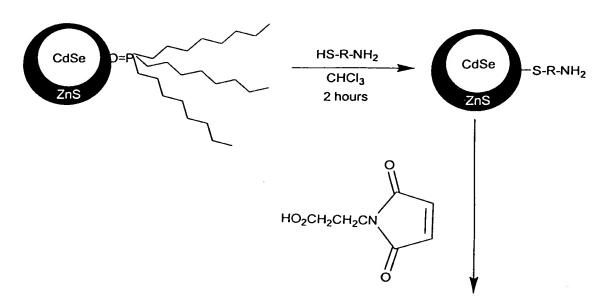


FIG. 1

Stability







Binding of amino-functionalized QD to maleimide

1. Organic soluble maleimides: stir QD with maleimide in CHCl₃ for 2 - 6 hours.

FIG. 3